

CLAIMS: Please amend the claims according to the status designations in the following list, which contains all claims that were ever in the application, with the text of all active claims.

CLAIMS: I claim:

1. (Original) A method of generating multi-dimensional and multi-hierarchical maps to show spatial and energy relationships among a plurality of related events **22** in the universe, wherein:

- (a) each of said events and its surrounding spatial domain **32** is shown enclosed by a domain boundary **34**,
- (b) each said domain boundary is shown to approximate the shape of a modifiable sphere,
- (c) each pair of inter-related said events is shown modified by a common platen **26** between said events,
- (d) each said platen is shown characteristically having a diameter less than the approximate diameter of the smaller of the two said events,
- (e) a plurality of said platens of a plurality of said events are shown linked together to depict said multi-dimensional and multi-hierarchical map depicting form, geometry, and topology of said events, said domains, said domain boundaries, and said spatial and energy relationships,
- (f) interlinked said platens are shown as continuous interconnected pathways among said events and said domain boundaries depicted in said map, whereby the relationships among events in space **66** and space surrounding events are demonstrated, and whereby the structural, geometric, and topological relationships among events, domains, domain boundaries, platens, and space are presented.

2. (Original) A method for generating said multi-dimensional and multi-hierarchical maps as recited in claim 1, whereby said maps are generated by an iterative process, such that location and characteristics of each said platen between said pairs of said events is established by use of a variety of mathematical rules and conceptual conventions.
3. (Original) A method for generating said multi-dimensional and multi-hierarchical maps as recited in claim 2, wherein:
 - (a) said domain boundaries of every two related said events are modified and linked by said platen,
 - (b) said platens characteristically having said diameter less than the said approximate diameter of the smaller of two said events.
4. (Original) A method for generating said multi-dimensional and multi-hierarchical maps as recited in claim 2, wherein:
 - (a) said domain boundaries of three or more related said events are modified by an interlinked plurality of said platens,
 - (b) said platens characteristically modifying their shape by the process of inclusion into said map of additional said events and their accompanying said domain and said domain boundaries.
5. (Original) A method for generating said multi-dimensional and multi-hierarchical maps as recited in claim 2, wherein:
 - (a) said iterative process requires a decision to place each added said event on one of said multi-hierarchical and said multi-dimensional levels,

(b)said iterative process requires that, as each said event and its accompanying said Domain is added to the said map, a decision is made regarding whether or not there exists a grouping of other said events within or without the added said event,

(c)said iterative process requires that said decision is within the context of the added said event.

6. (Original)A method of generating multi-dimensional and multi-hierarchical maps to show spatial and energy relationships among a plurality of related said events in the universe, comprising:

(a)providing each of said events with a surrounding spatial domain,

(b)providing each said domain with an enclosing domain boundary,

(c)providing each said domain boundary with the approximate shape of a modifiable sphere,

(e)providing a means which will:

(1)show each pair of related said events having a common platen boundary between said events,

(2)show each said platen having a diameter smaller than the approximate diameter of the smaller of two related said events,

(3)show a plurality of said platens of a plurality of said events linked together to define said multi-dimensional and said multi-hierarchical map,

(4)show form, geometry, and topology of said platens, said domains, said domain boundaries, and said events,

(5)show interlinked said platens having continuous interconnected pathways among said events and said domain boundaries contained within said map, whereby the relationships among events in space and space surrounding events are demonstrated, and whereby the structural, geometric and

topological relationships among events, domains, domain boundaries, platens, and space are presented.

7. (Original) A map system showing multi-dimensional and multi-hierarchical spatial and energy relationships among events in the universe, from the very small events to the very large events, wherein:
 - a) said structure, said spatial geometry, said domain and said domain boundaries enclosing each said event and assemblies of said events are shown,
 - b) each said domain boundary is assumed to approximate the shape of a modifiable said sphere,
 - c) each pair of inter-related said events is modified by a said common interfacial platen between them,
 - d) said platens of a multitude of said events are linked together to define said multi-dimensional and multi-hierarchical map showing the said form and geometry of said domains and said domain boundaries,
 - e) said platens interlinked to show said paths of connectedness among all of said events, all of said domains, and all of said domain boundaries contained within the said map system.
8. (NEW) A method for generating multi-dimensional and multi-hierarchical maps, providing information on spatial and energy relationships between space 66 and events 22 with structural forms, sizes, shapes, locations, geometries and topologies of platens 26, domains 32, and domain boundaries 34 among a plurality of said related events in the universe; said maps being

generated by an iterative process, such that location and characteristics of each said platen between pairs of said events, and location and characteristics among said domains and said domain boundaries among groups of said events, are determined and generated by a plurality of selected appropriate mathematical rules 20 and conceptual conventions Fig. 2.

9. (NEW) A method of generating multi-dimensional and multi-hierarchical maps as recited in claim 8, to show said spatial and energy relationships among a plurality of said related events in the universe, wherein:
- (a) said spatial and said energy relationships between each pair of said events are determined by said plurality of selected appropriate mathematical rules 20 and conceptual conventions and shown by a common said platen between said events;
 - (b) each said event and its surrounding said domain is determined by said plurality of selected appropriate mathematical rules and conceptual conventions, and shown enclosed by a system of said platens forming said domain boundary;
 - (c) each said domain boundary is determined by said plurality of selected appropriate mathematical rules and conceptual conventions, and shown to approximate the shape of a modifiable sphere;
 - (d) each said platen between said interrelated said events is determined by said plurality of selected appropriate mathematical rules and conceptual conventions, and shown to characteristically have a diameter less than the approximate diameter of the smaller of said event pairs;

(e) a plurality of said platens of a plurality of said events are determined by said plurality of selected appropriate mathematical rules and conceptual conventions to show said structural forms, sizes, shapes, locations, geometries and topologies of said events, domains, domain boundaries, and spatial-energy relationships as continuously linked said platens;

(f) interlinked said platens are determined by said plurality of selected appropriate mathematical rules and conceptual conventions, and shown as continuous interconnected pathways among said events and domain boundaries depicted in said map,

whereby said spatial and energy relationships among said events and space are depicted, and whereby said structural geometric, and topological relationships among said events, domains, domain boundaries, platens, and space are presented.

10. (CURRENTLY AMENDED) A method for generating said multi-dimensional and multi-hierarchical maps as recited in claim 2 8, wherein:

(a) said domain boundaries of every two related said events are modified and linked by said platen,

(b) said platens characteristically having said diameter less than the said approximate diameter of the smaller of two said events.

11. (CURRENTLY AMENDED) A method for generating said multi-dimensional and multi-hierarchical maps as recited in claim 2 8, wherein:

- (a) said domain boundaries of three or more related said events are modified by an interlinked plurality of said platens,
- (b) said platens characteristically modifying their shape by the process of inclusion into said map of additional said events and their accompanying said domains and domain boundaries.

12. (CURRENTLY AMENDED) A method for generating said multi

dimensional and multi-hierarchical maps as recited in claim 2 8, wherein:

- (a) said iterative process requires a decision to place each added said event on one of said multi-hierarchical and multi-dimensional levels,
- (b) said iterative process requires that, as each said event and its accompanying said Domain is added to the said map, a decision is made regarding whether or not there exists a grouping of other said events within or without the added said event,
- (c) said iterative process requires that said decision is within the context of the added said event.

13. (NEW) A map system as recited in claim 2 8, showing multi-dimensional and multi-hierarchical spatial and energy relationships among events in the universe, from the very small events to the very large events, wherein:

- (a) said structure, said spatial geometry, said domain and said domain boundaries enclosing each said event and assemblies of said events are shown,
- (b) each said domain boundary is assumed to approximate the shape of said modifiable sphere,

- (c) each pair of inter-related said events is modified by said common platen between them,
- (d) said platens of a multitude of said events are linked together to define said multi-dimensional and multi-hierarchical map showing said structural forms, sizes, shapes, locations, geometries and topologies of said domains and domain boundaries,
- (e) said platens interlinked to show said paths of connectedness among all of said events, domains, and domain boundaries contained within said map system.

14. (NEW) A method of generating multi-dimensional and multi-hierarchical maps to show spatial and energy relationships among a plurality of related said events in the universe, comprising:

- (a) a means of providing each of said events with surrounding spatial domain,
- (b) a means of providing each said domain with an enclosing domain boundary,
- (c) a means of providing each said domain boundary with the approximate shape of a modifiable sphere,
- (d) a means of providing:
 - (1) each said pair of related events with said common platen boundary between said events,
 - (2) each said platen with said diameter smaller than the approximate diameter of the smaller of two related said events,
- (3) said plurality of platens of said plurality of events inter-linked to define said multi-dimensional and multi-hierarchical map,

said structural forms, sizes, shapes, locations, geometries and topologies of said platens, domains, domain boundaries, and events,
(4) interlinked said platens with continuous interconnected pathways among said events and domain boundaries,
whereby said relationships among said events and space are demonstrated, and
whereby said structural forms, sizes, shapes, locations, geometries and topologies among said events, domains, domain boundaries, platens, and space are presented.

15. (CURRENTLY AMENDED) A method for generating multi-dimensional and multi- hierarchical maps, providing information on spatial and energy relationships between space **66** and events **22** with structural forms, sizes, shapes, locations, geometries and topologies of platens **26**, domains **32**, and domain boundaries **34** among a plurality of said related events in the universe; said maps being generated by an iterative process, such that location and characteristics of each said platen between pairs of said events, and location and characteristics among said domains and said domain boundaries among groups of said events, are determined and generated by a plurality of selected appropriate mathematical rules **20** and ~~conceptual conventions Fig. 20~~ a plurality of selected appropriate concepts.

16. (CURRENTLY AMENDED) A method of generating multi-dimensional and multi- hierarchical maps as recited in claim **8** 15, to show said spatial and energy relationships among a plurality of said related events in the universe,
wherein:

- (a) said spatial and said energy relationships between each pair of said events are determined by said plurality of selected appropriate

mathematical rules 20 and conceptual conventions and shown by
a common said platen between said events;

- (b) each said event and its surrounding said domain is determined by said plurality of selected appropriate mathematical rules and conceptual conventions, and shown enclosed by a system of said platens forming said domain boundary;
- (c) each said domain boundary is determined by said plurality of selected appropriate mathematical rules and conceptual conventions, and shown to approximate the shape of a modifiable sphere;
- (d) each said platen between said interrelated said events is determined by said plurality of selected appropriate mathematical rules and conceptual conventions, and shown to characteristically have a diameter less than the approximate diameter of the smaller of said event pairs;
- (e) a plurality of said platens of a plurality of said events are determined by said plurality of selected appropriate mathematical rules and conceptual conventions to show said structural forms, sizes, shapes, locations, geometries and topologies of said events, domains, domain boundaries, and spatial-energy relationships as continuously linked said platens;
- (f) interlinked said platens are determined by said plurality of selected appropriate mathematical rules and conceptual conventions, and shown as continuous interconnected pathways among said events and domain boundaries depicted in said map,

whereby said spatial and energy relationships among said events and space are depicted, and whereby said structural geometric, and topological relationships among said events, domains, domain boundaries, platens, and space are presented.

17. (CURRENTLY AMENDED) A method for generating said multi-dimensional and multi-hierarchical maps as recited in claim ~~8~~15, wherein:

- (a) said domain boundaries of every two related said events are modified and linked by said platen,
- (b) said platens characteristically having said diameter less than the said approximate diameter of the smaller of two said events.

18. (CURRENTLY AMENDED) A method for generating said multi-dimensional and multi-hierarchical maps as recited in claim ~~8~~15 , wherein:

- (a) said domain boundaries of three or more related said events are modified by an interlinked plurality of said platens,
- (b) said platens characteristically modifying their shape by the process of inclusion into said map of additional said events and their accompanying said domains and domain boundaries.

19. (CURRENTLY AMENDED) A method for generating said multi-dimensional and multi-hierarchical maps as recited in claim ~~8~~15, wherein:

- (a) said iterative process requires a decision to place each added said event on one of said multi-hierarchical and multi-dimensional levels,

- (b) said iterative process requires that, as each said event and its accompanying said Domain is added to the said map, a decision is made regarding whether or not there exists a grouping of other said events within or without the added said event,
- (c) said iterative process requires that said decision is within the context of the added said event.

20. (CURRENTLY AMENDED) A ~~map-system~~ method for generating multi-dimensional and multi- hierarchical maps as recited in claim & 15, showing multi-dimensional and multi-hierarchical spatial and energy relationships among events in the universe, from the very small events to the very large events, wherein:

- (a) said structure, said spatial geometry, said domain and said domain boundaries enclosing each said event and assemblies of said events are shown,
- (b) each said domain boundary is assumed to approximate the shape of said modifiable sphere,
- (c) each pair of inter-related said events is modified by said common platen between them,
- (d) said platens of a multitude of said events are linked together to define said multi-dimensional and multi-hierarchical map showing said structural forms, sizes, shapes, locations, geometries and topologies of said domains and domain boundaries,
- (e) said platens interlinked to show said paths of connectedness among all of said events, domains, and domain boundaries contained within said map system.

21. (CURRENTLY AMENDED) A method of generating multi-dimensional and multi-hierarchical maps as recited in claim 15, to show spatial and energy relationships among a plurality of related said events in the universe, comprising:

- (a) a ~~means~~ step of providing each of said events with surrounding spatial domain,
- (b) a ~~means~~ step of providing each said domain with an enclosing domain boundary,
- (c) a ~~means~~ step of providing each said domain boundary with the approximate shape of a modifiable sphere,
- (d) a ~~means~~ step of providing:
 - (1) each said pair of related events with said common platen boundary between said events,
 - (2) each said platen with said diameter smaller than the approximate diameter of the smaller of two related said events,
 - (3) said plurality of platens of said plurality of events inter-linked to define said multi-dimensional and multi-hierarchical map,
 - (4) said structural forms, sizes, shapes, locations, geometries and topologies of said platens, domains, domain boundaries, and events, interlinked said platens with continuous interconnected pathways among said events and domain boundaries,
- (e) a step of generating and displaying maps that show:
 - (1) each said pair of related events with said common platen boundary between said events, determined and generated by a plurality of selected appropriate mathematical rules 20 and conceptual conventions,
 - (2) each said platen with said diameter smaller than the approximate diameter of the smaller of two related said events, determined and

generated by a plurality of selected appropriate mathematical rules 20 and conceptual conventions,

(3) said plurality of platens of said plurality of events inter-linked to define said multi-dimensional and multi-hierarchical map determined and generated by a plurality of selected appropriate mathematical rules 20 and conceptual conventions,

(4) said structural forms, sizes, shapes, locations, geometries and topologies of said platens, domains, domain boundaries, and events, interlinked said platens with continuous interconnected pathways among said events and domain boundaries determined and generated by a plurality of selected appropriate mathematical rules 20 and conceptual conventions,

whereby said relationships among said events and space are demonstrated, and whereby said structural forms, sizes, shapes, locations, geometries and topologies among said events, domains, domain boundaries, platens, and space are presented.